

Title (en)  
Nozzle for dissolved air flotation system

Title (de)  
Düse für Entspannungsflotationssystem

Title (fr)  
Buse pour système de flottation à l'air dissous

Publication  
**EP 2889079 B1 20170208 (EN)**

Application  
**EP 14195674 A 20141201**

Priority  
KR 20130169248 A 20131231

Abstract (en)  
[origin: EP2889079A1] A nozzle for a dissolved air flotation system includes a housing (10), a nozzle connector (20), and a nozzle body (30). The housing (10) is has an inlet (11) formed at one side and an outlet (12) formed at another side. The nozzle connector (20) couples to the inlet (11) and has an inflow path (21) formed in a longitudinal direction. The nozzle body (30) is disposed in the housing (10), and includes: a collision portion (31) formed at a first end portion of the nozzle body (30) such that a fluid introduced along the inflow path (21) of the nozzle connector (20) changes its flow direction and collides with an inner wall of a side portion of the housing (10), a plurality of faces (32a, 32b) formed at sides of the nozzle body (30), a plurality of side paths (B1, B2) defined between the faces (32a, 32b) and the inner wall of the housing (10), and a spurt hole (33) defined at a second end portion of the nozzle body (30).

IPC 8 full level  
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